

10/567728
IAP5 Rec'd PCT/PTO 31 JAN 2006

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§1.97-1.98

PATENT APPLICATION

Applicant(s): Hikaru MATSUDA, et al.
Int'l Application No. PCT/JP2004/001024
U.S. Serial No.: TBA
Group Art Unit: TBA
TITLE: THREE-DIMENTIONAL TISSUE
STRUCTURE

Docket No.: 49288.1900
Int'l Filing Date: February 2, 2004
U.S. Filing Date:
Confirmation No.: TBA
Examiner: TBA

Mail Stop PCT
Commissioner of Patents
PO Box 1450
Alexandria, VA 22313

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.98, the reference or references listed and identified on the attached PTO-SB08 based form are being submitted herewith for consideration by the Examiner. A copy of the listed references are enclosed.

The reference or references are being cited only in the interest of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

This Information Disclosure Statement (IDS) is being filed under 37 C.F.R. §1.97(b)(2) as each item of information contained in this disclosure is being filed within three months of the filing of this National Stage Application, as such, no fee should be due. If Applicant has overlooked any additional fees, however, the Commissioner is hereby authorized to debit Deposit Account No. 19-2814 for the same. **A duplicate copy of this Information Disclosure Statement is enclosed for this purpose.**

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If there are any questions concerning this IDS, the Examiner is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the United States Patent and Trademark Office is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 19-2814.

Respectfully submitted,

Date: 1-31-06

By S. Shahpar
Shahpar Shahpar
Reg. No. 45,875

Enclosures: PTO-SB08
Patent copies

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	TBA 10/567728		
		Filing Date			
		First Named Inventor	Shigeru MATSUBA, et al.		
		Art Unit	3177-10 51 JAN 2006		
		Examiner Name	TBA		
Sheet	2	of	2	Attorney Docket Number	49288.1900

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Shimizu Tatsua, et al.: "Fabrication of pulsatile cardiac tissue grafts using a novel 3-dimensional cell sheet manipulation technique and temperature-responsive cell culture surfaces", Circulation Research, 22 Feb 2002, vol. 90, no. 3, pages E40-E48	
		Teruo Okano: "Cardiac tissue reconstruction based on cell sheet engineering" Japanese Circulation Society, Online! 2002, pages 1-4	
		Keller, Robert, et al.: "Scaffold-based three-dimensional human fibroblast culture provides a structural matrix that supports angiogenesis in infarcted heart tissue", Circulation, vol. 104, no. 17, 23 October 2001, pages 2063-2068	
		Miyagawa, Shigeru, et al.: "A tissue engineered contractile cardiac graft improves the cardiac performance in infarct rat heart", 23 October 2001, Circulation, Vol 104, NR 17 Supplement, pages II.599, Scientific Sessions 2001 of the American Heart Association	
		Bach, A.D., et al.: "Expression of Trisk 51, agrin and nicotinic-acetylcholine reception epsilon-subunit during muscle development in a novel three-dimensional muscle-neuronal co-culture system" Cell & Tissue Research, vol. 314, no. 2, November 2003, pages 263-274	

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